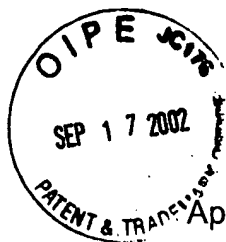


ATTORNEY DOCKET NO.
03498.P051

PATENT SERIAL NO.
09/615,573

2706
2152

1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gubbi
Serial No. : 09/615,573
Filed : July 13, 2000
Title : Quality of Service Extensions for Multimedia Applications
in Wireless Computer Networks
Group Art Unit : 2756
Examiner : unassigned

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Signature: [Signature] Printed Name: Staylor Gubbi Date: Sept. 12, 2002

Assistant Commissioner For Patents
Box Amendment
Washington, D.C. 20231

REVOCATION AND SUBSTITUTION OF POWER OF ATTORNEY
AND CHANGE OF CORRESPONDENCE ADDRESS

I, Stephanie A. Lucie, Vice-President, and Associate General Counsel of Cirrus Logic, Inc. which wholly owns Sharewave, Inc., assignee of title of the above-identified patent application, have reviewed the evidentiary documents which have been recorded for the patent application U.S. Serial Number 09/615,573, in the records of the United States Patent and Trademark Office recorded on 07/13/2000 at Reel 010982 Frame 0650 pages 3 and hereby certify that, to the best of my knowledge and belief, the entire right, title and interest is in the Assignee taking this action.

I hereby revoke all of the powers of attorney previously given and hereby appoint the following attorneys to prosecute and transact all business in the Patent and Trademark Office connected therewith.

I hereby appoint:

<u>NAME</u>	<u>REGISTRATION NO.</u>
Steven Lin	35,250
Scott Thomas	39,855
James J. Murphy	34,503

Barry Newberger	41,527
Michael J. DeHaemer	39,164

all of the firm of Winstead, Sechrest & Minick, P.C. and Cirrus Logic, Inc., as my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith and to file and prosecute any international patent applications filed thereon before any international authorities under the Patent Cooperation Treaty and to file any continuation, divisional, continuation-in-part, reissue or re-examination applications thereon.

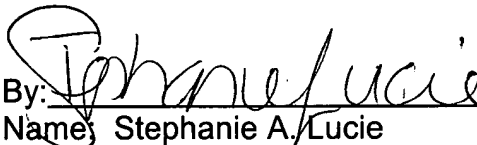
The undersigned (whose title is supplied below) is authorized to act and empowered to sign on behalf of the assignee.

Please direct all correspondence to the following:
James J. Murphy, Esq.
WINSTEAD, SECHREST & MINICK P.C.
P. O. Box 50784
1201 Elm Street
Dallas, Texas 75270

Please direct all telephone call to James J. Murphy, Esq. at (241) 745-5374.

Respectfully submitted,

Sharewave, Inc., a wholly owned subsidiary
of Cirrus Logic, Inc.

By: 
Name: Stephanie A. Lucie
Title: Vice-President,
and Associate General Counsel

Date: SEP 10 2002



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SEPTEMBER 27, 2000

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12400 WILSHIRE BOULEVARD
SEVENTH FLOOR
LOS ANGELES, CALIFORNIA 90025-1030

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OCT 05 2000

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN
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REEL/FRAME: 010982/0650
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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GUBBI, RAJUGOPAL R.

DOC DATE: 07/07/2000

ASSIGNEE:

SHAREWAVE, INC., A DELAWARE
CORPORATION
5175 HILLSDALE CIRCLE
EL DORADO HILLS, CALIFORNIA 95762

SERIAL NUMBER: 09615573

FILING DATE: 07/13/2000

PATENT NUMBER:

ISSUE DATE:

PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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OCT 05 2000

STATUS DB-LA

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Name (line 1) ShareWave, Inc.

Name (line 2) _____

Address (line 1) 5175 Hillsdale Circle

Address (line 2) A Delaware Corporation

Address (line 3) El Dorado Hills

California

95762

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Correspondent Name and Address

Area Code and Telephone Number (408) 720-8300

Name Tarek N. Fahmi

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ASSIGNMENT

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I/we Rajugopal R. Gubbi, the undersigned, hereby sell, assign, and transfer to ShareWave, Inc. a corporation of Delaware, having a principal place of business at 5175 Hillsdale Circle, El Dorado Hills, California 95762, ("Assignee") and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled QUALITY OF SERVICE ENHANCEMENTS IN WIRELESS COMPUTER NETWORKS, Attorney Docket No. 003498.P051 and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

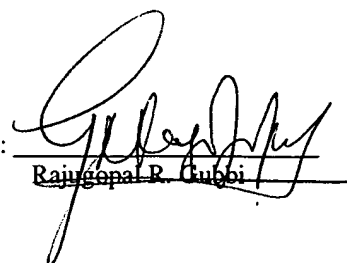
agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

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Each Inventor: Please Sign Below:

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OF ATTORNEY:

Date: 7th July 2000

Name: 
Rajugopal R. Gubbi

Date: 7th July 2000